

Fig. 1

T	P	L	G	P	A	S	S	L	P	Q	S	F	L	L	K
aca	ccc	ctg	ggc	cct	gcc	agc	tcc	ctg	ccc	cag	agc	ttc	ctg	ctc	aag
C	L	E	Q	V	R	K	I	Q	G	D	G	A	A	L	Q
tgc	tta	gag	caa	gtg	agg	aag	atc	cag	ggc	gat	ggc	gca	gcg	ctc	cag
E	K	L	C	A	T	Y	K	L	C	H	P	E	E	L	V
gag	aag	ctg	tgt	gcc	acc	tac	aag	ctg	tgc	cac	ccc	gag	gag	ctg	gtg
L	L	G	H	S	L	G	I	P	W	A	P	L	S	S	C
ctg	ctc	gga	cac	tct	ctg	ggc	atc	ccc	tgg	gct	ccc	ctg	agc	tcc	tgc
P	S	Q	A	L	Q	L	A	G	C	L	S	Q	L	H	S
ccc	agc	cag	gcc	ctg	cag	ctg	gca	ggc	tgc	tig	agc	caa	ctc	cat	agc
G	L	F	L	Y	Q	G	L	L	Q	A	L	E	G	I	S
ggc	ctt	ttc	ctc	tac	cag	ggg	ctc	ctg	cag	gcc	ctg	gaa	ggg	ata	tcc
P	E	L	G	P	T	L	D	T	L	Q	L	D	V	A	D
ccc	gag	tig	ggt	ccc	acc	tig	gac	aca	ctg	cag	ctg	gac	gtc	gcc	gac
F	A	T	T	I	W	Q	Q	M	E	E	L	G	M	A	P
ttt	gcc	acc	acc	atc	tgg	cag	cag	atg	gaa	gaa	ctg	gga	atg	gcc	cct
A	L	Q	P	T	Q	G	A	M	P	A	F	A	S	A	F
gcc	ctg	cag	ccc	acc	cag	ggt	gcc	atg	ccg	gcc	ttc	gcc	tct	gct	ttc
Q	R	R	A	G	G	V	L	V	A	S	H	L	Q	S	F
cag	cg	cgg	gca	gga	ggg	gtc	ctg	gtt	gct	agc	cat	ctg	cag	agc	ttc
L	E	V	S	Y	R	V	L	R	H	L	A	Q	P		
ctg	gag	gtg	tgc	tac	cgc	gtt	cta	cgc	cac	ctt	gcg	cag	ccc		

Fig. 2

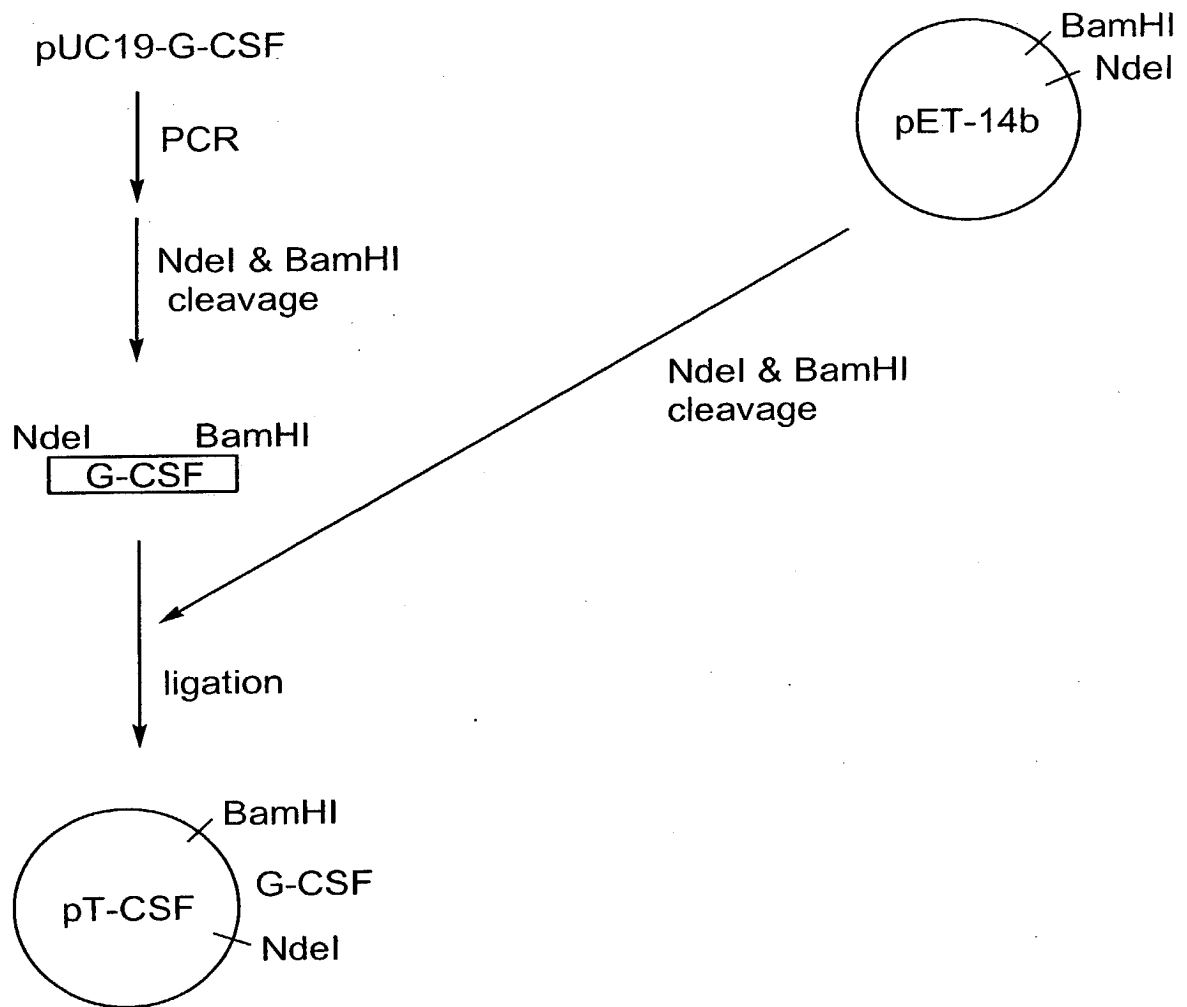


Fig. 3

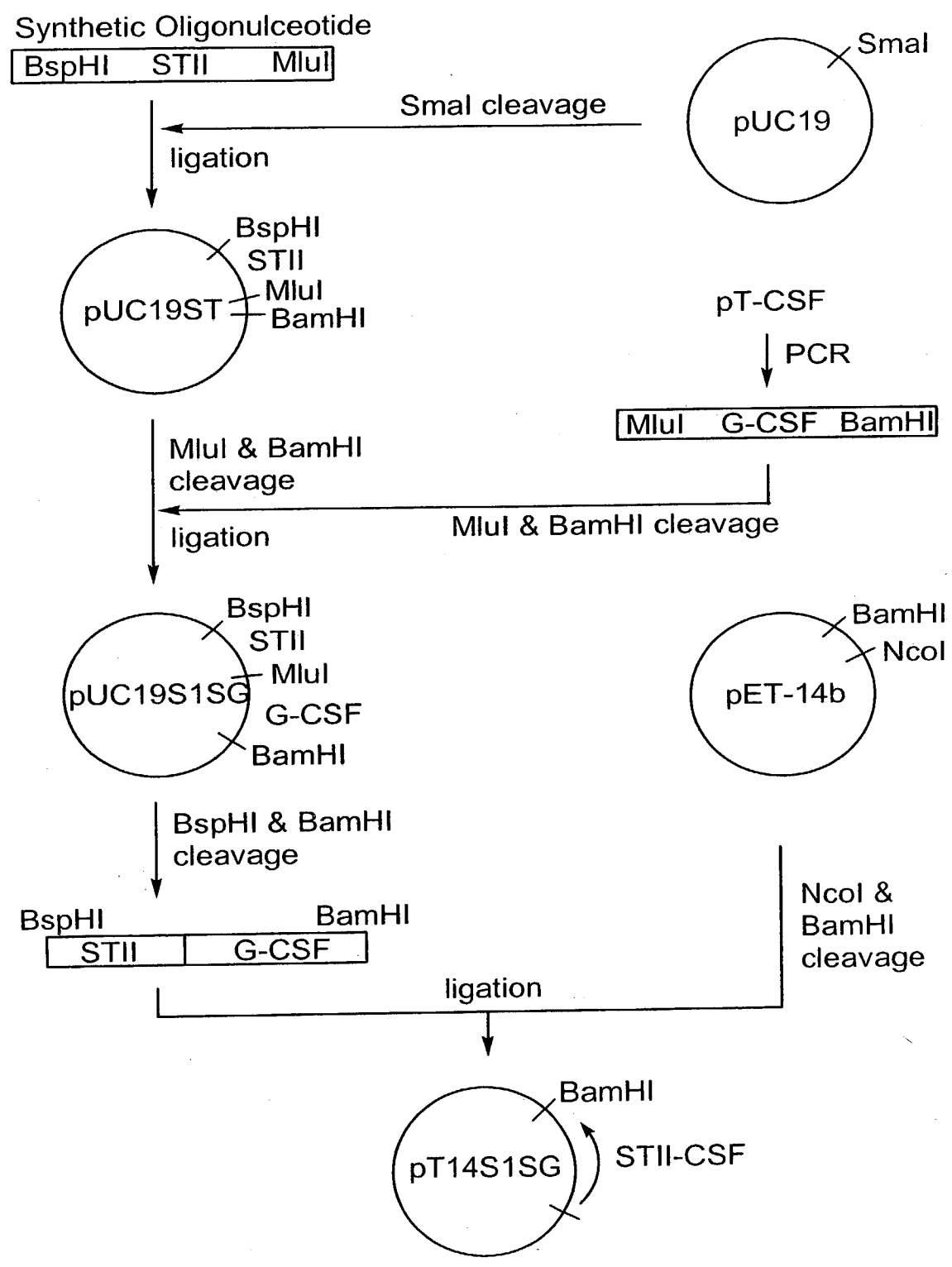


Fig. 4

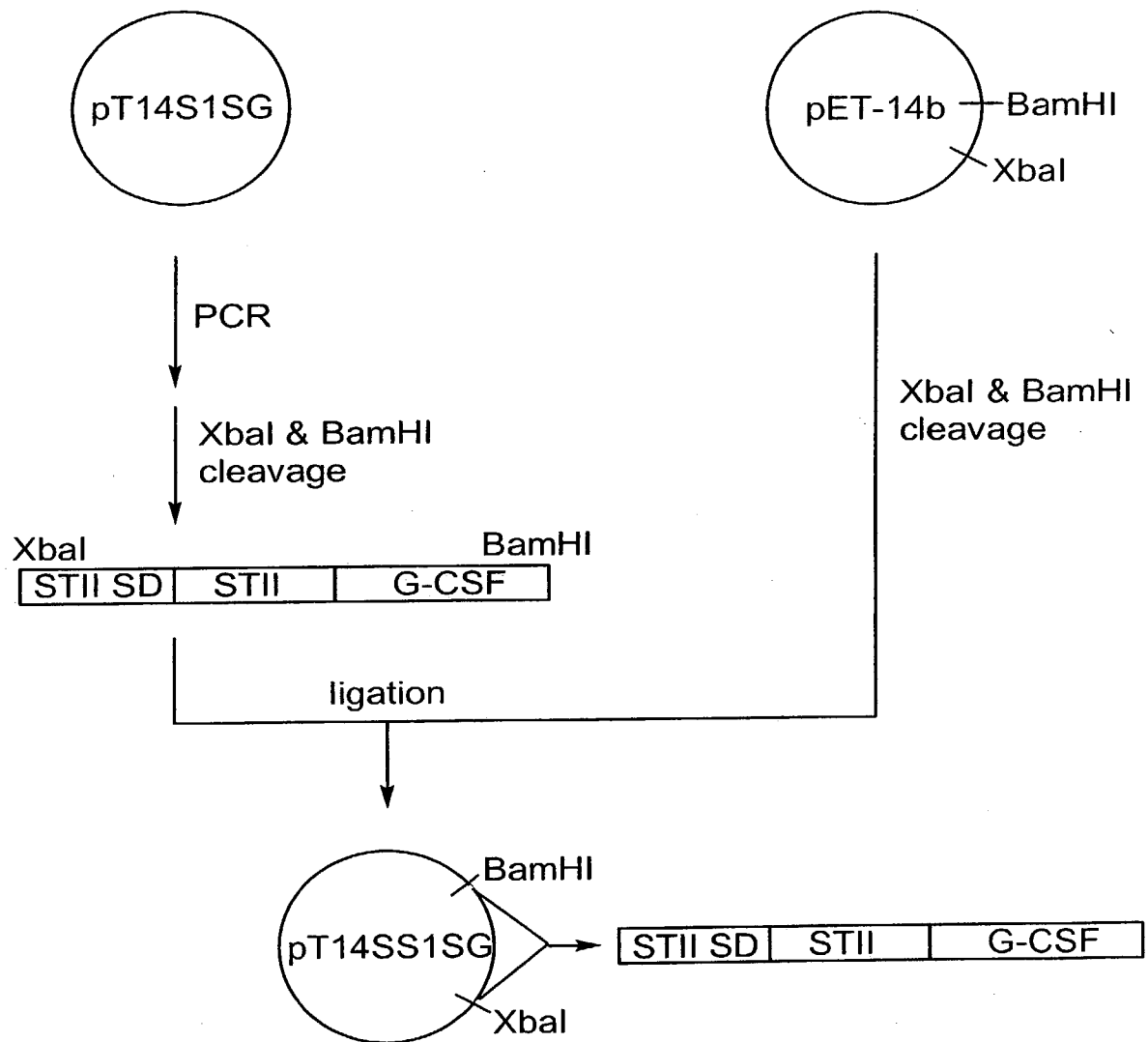


Fig. 5

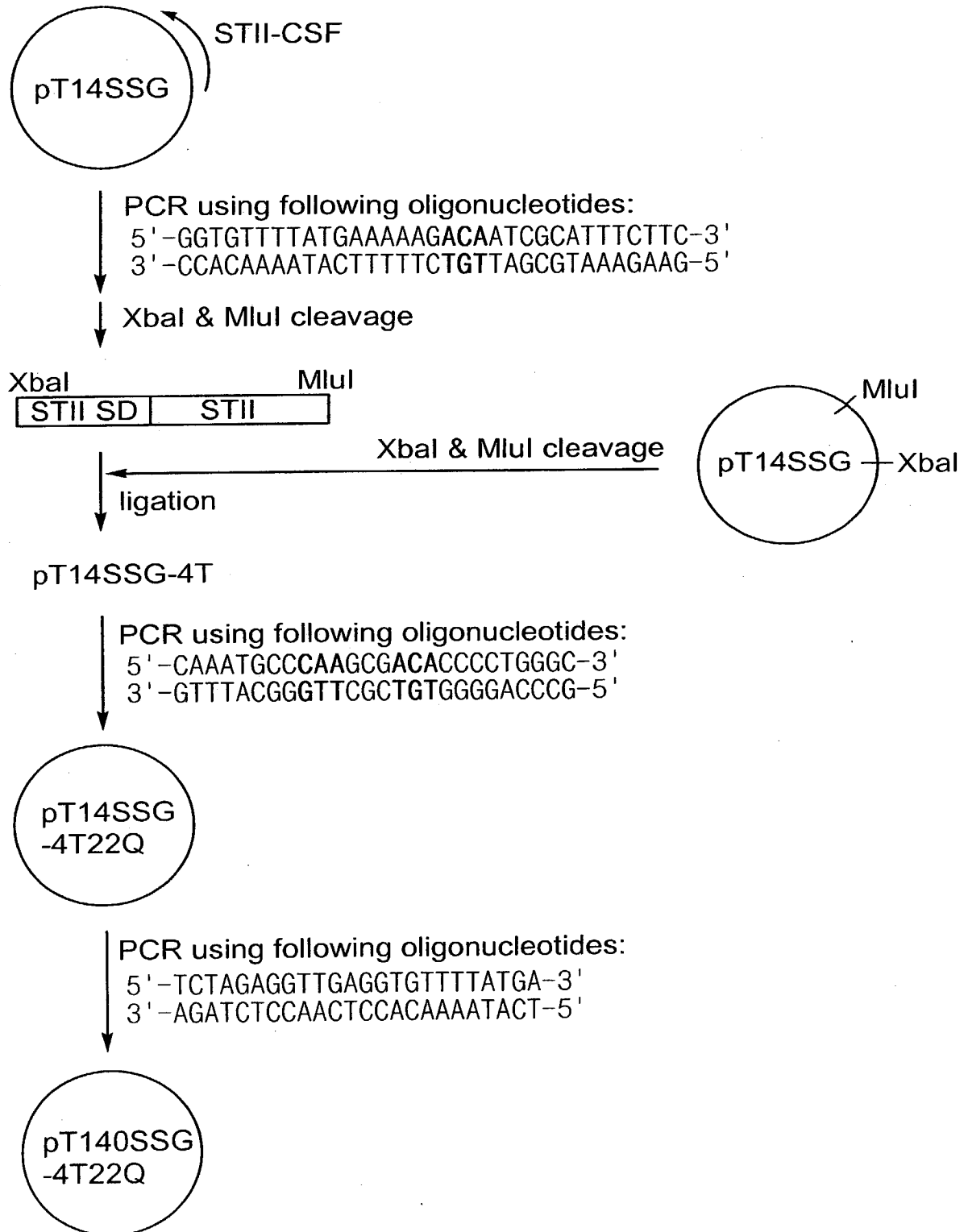
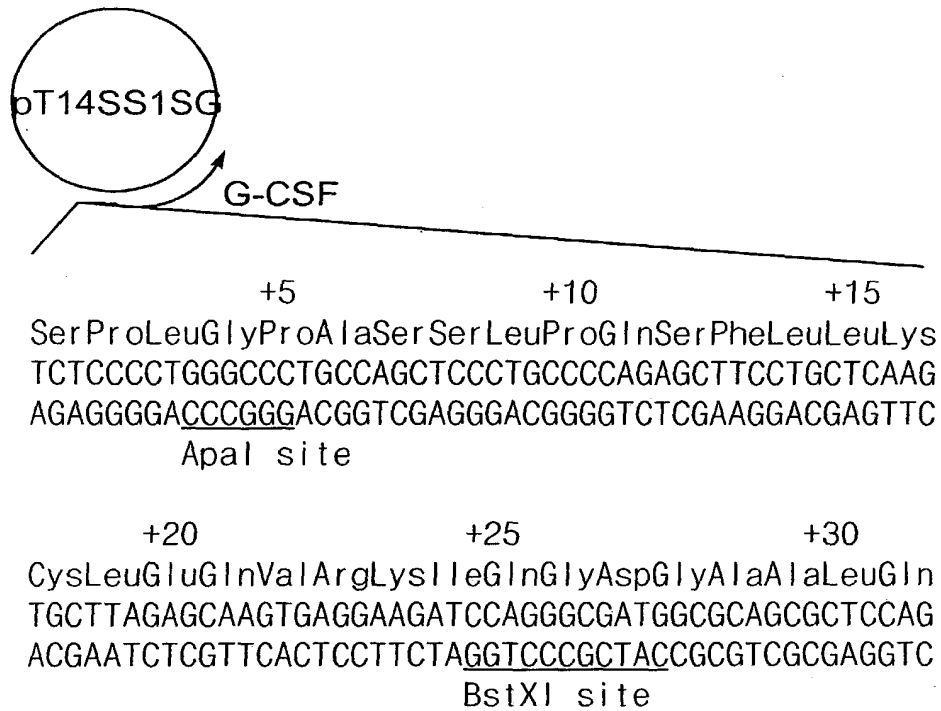


Fig. 6



Apal & BstXI cleavage
followed by recovery of vector fragment

← annealing oligonucleotides

5'-CAGCCTCTTCTCTTCCACAATCTTTCTTCTTAAGTCTCTTGAACAA
3'-CCGGGTCGGAGAAGAGAAGGTGTTAGAAAGGAAGAATTCAGAGAACTTGTT

GTTAGAAAGATCCAAGGCG-3'
CAATCTTTCTAGGTT-5'

ligation

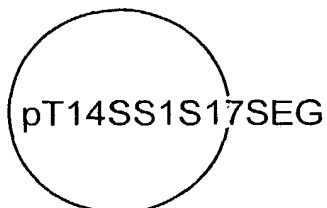


Fig. 7

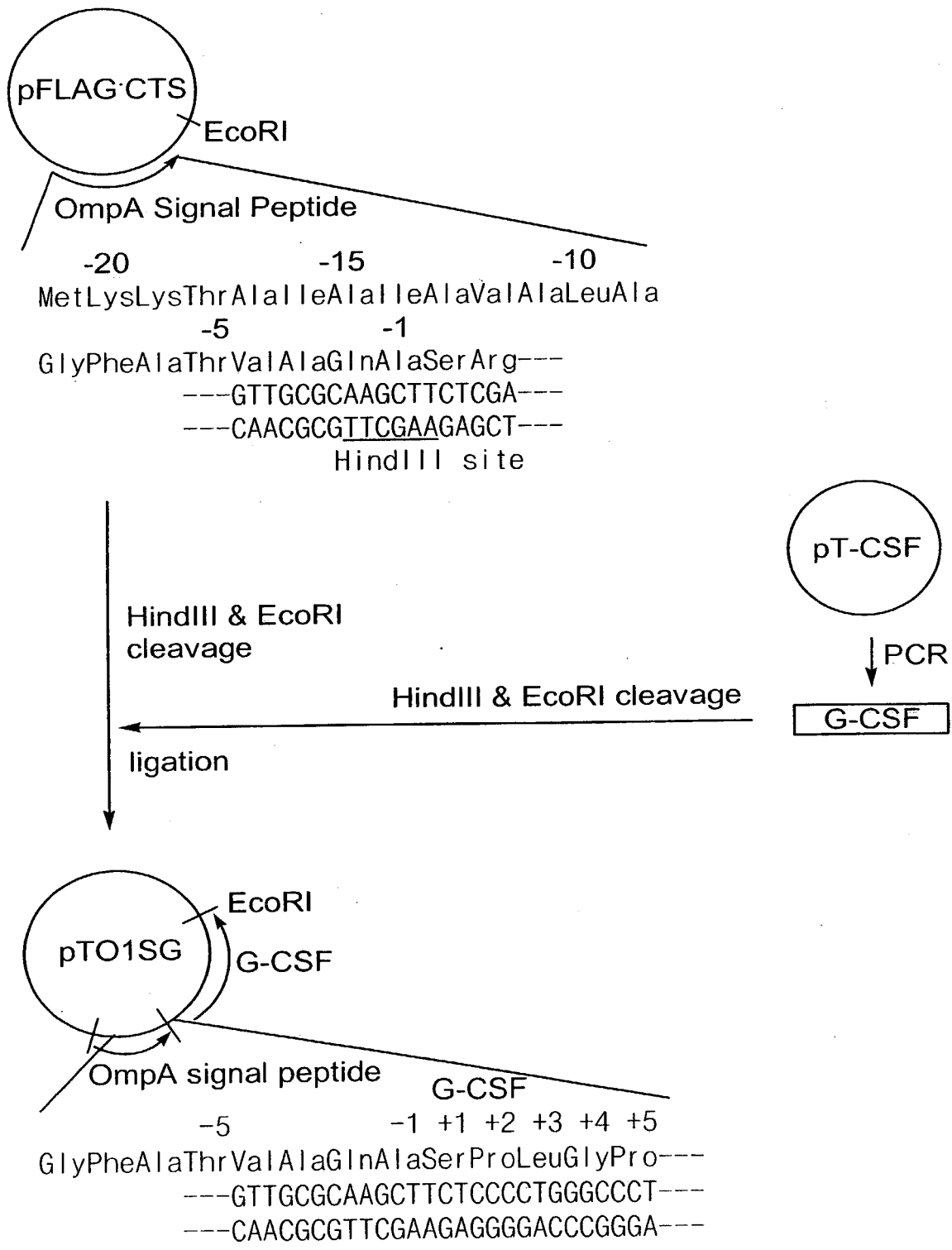


Fig. 8

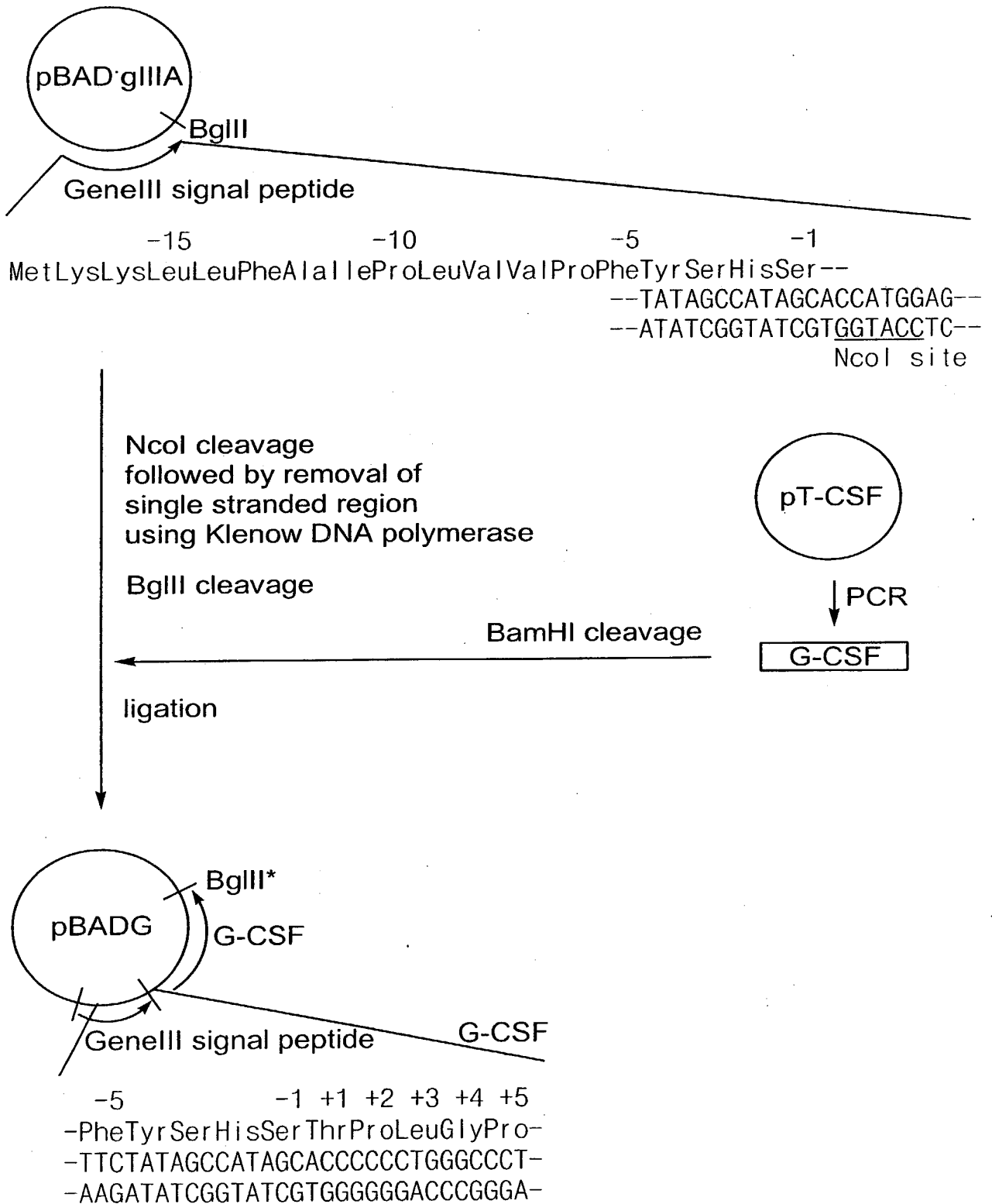
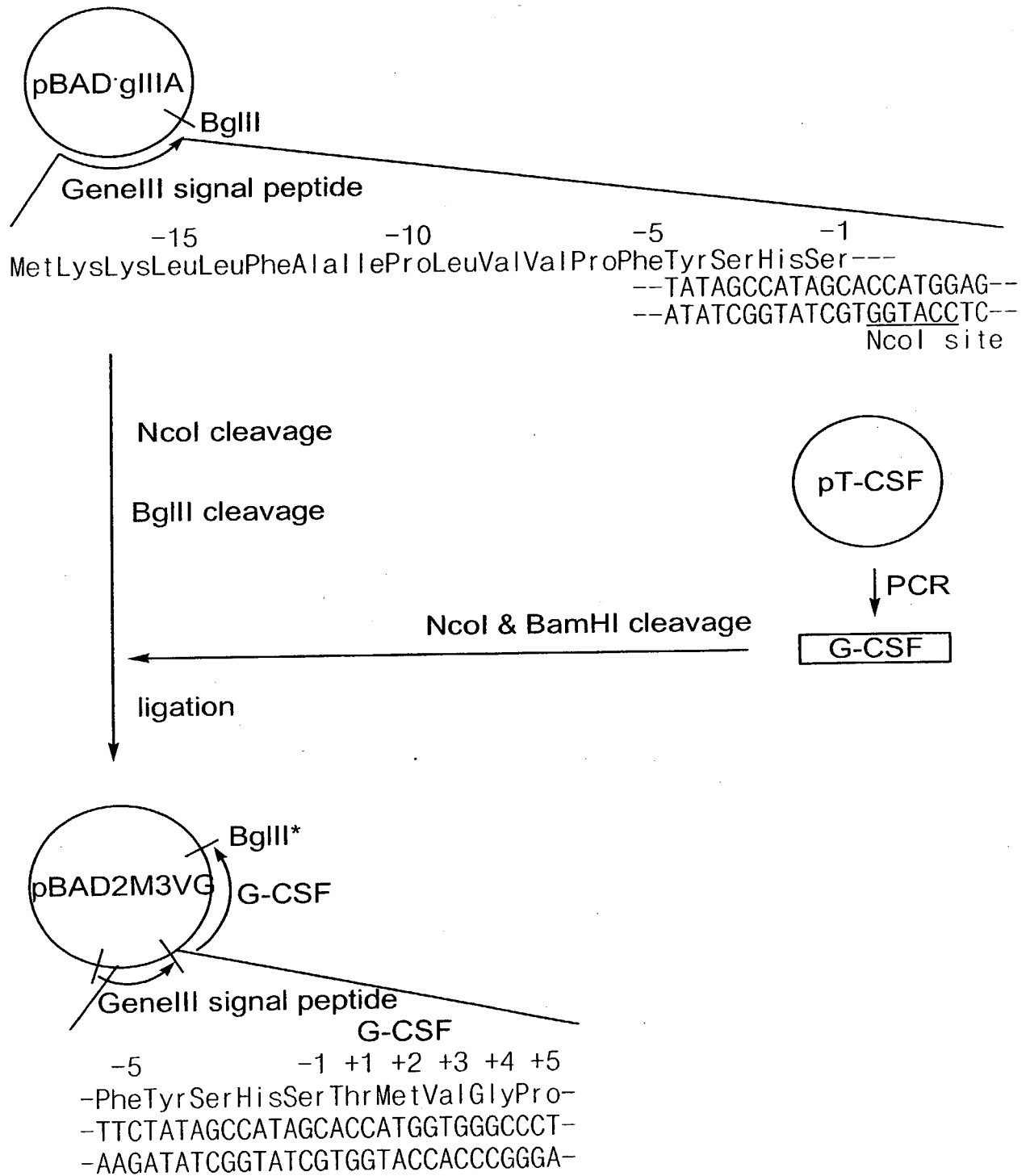


Fig. 9



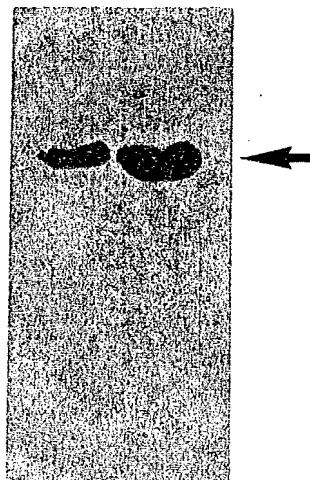


Fig. 11

